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(54) Title: **KEY EXCHANGE FOR NETWORK ARCHITECTURE**

(57) Abstract: A key exchange for a network architecture. A mobile node that roams over a foreign domain transmits a registration request to a home domain using the foreign domain. The identity of the mobile node within the registration request is encrypted. The home domain receives the registration request and decrypts the mobile node identity. The home domain generates a registration reply that includes encryption keys for encrypting information to be transmitted between and among the home domain, the foreign domain, and the mobile node.

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